



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## FLARE-MINI-AD-PIN

~100° x 20° oval beam. Assembly with location pins and installation tape.

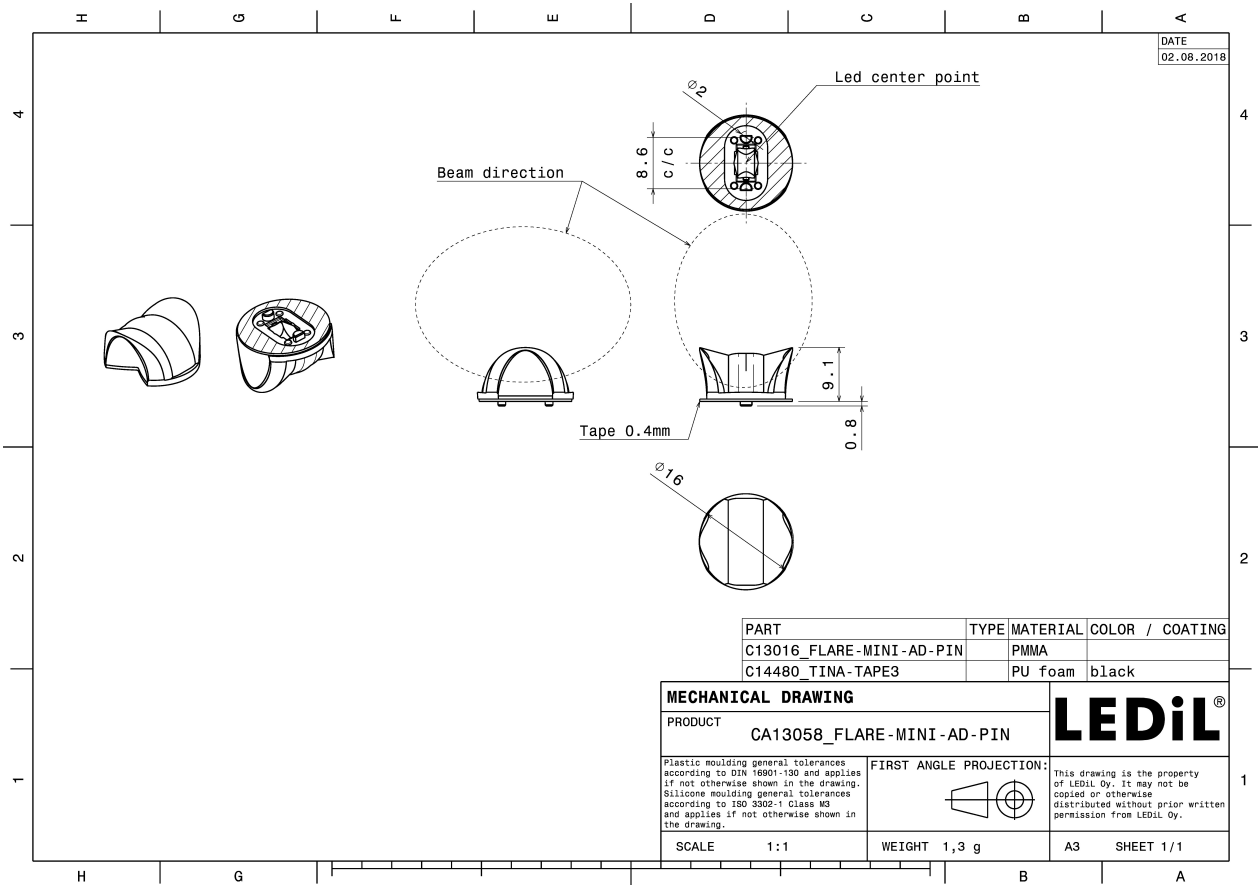
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.0 mm
Height	9.1 mm
Fastening	tape, pin
Colour	clear
Box size	
Box weight	6.9 kg
Quantity in Box	4600 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

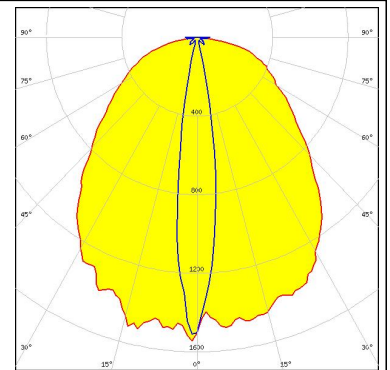
Component	Type	Material	Colour
FLARE-MINI-AD-PIN	Lens	PMMA	clear
TINA-TAPE3	Tape	PU tape	black



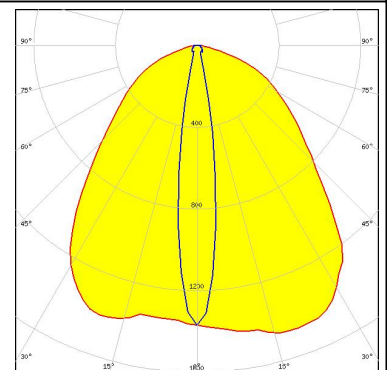
#### PHOTOMETRIC DATA (MEASURED):



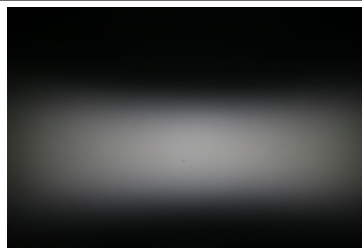
LED XB-D  
FWHM 100.0 + 16.0°  
Efficiency 93 %  
Peak intensity 1.200 cd/lm  
Required components:



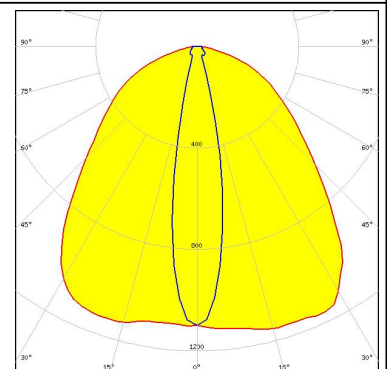
LED XP-E2  
FWHM 90.0 + 16.0°  
Efficiency 94 %  
Peak intensity 1.400 cd/lm  
Required components:



LED XP-G  
FWHM 100.0 + 20.0°  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
Required components:



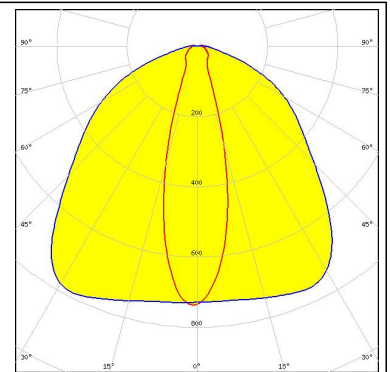
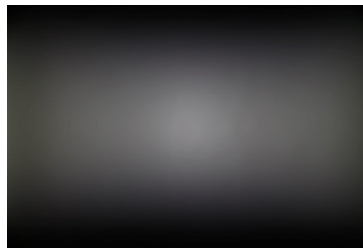
LED XP-G2  
FWHM 95.0 + 21.0°  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
Required components:



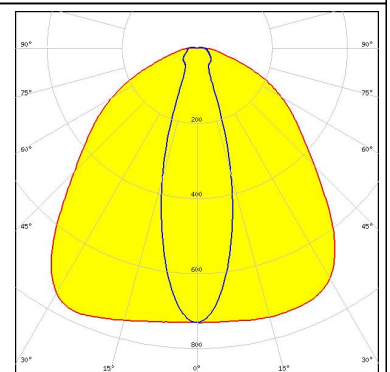
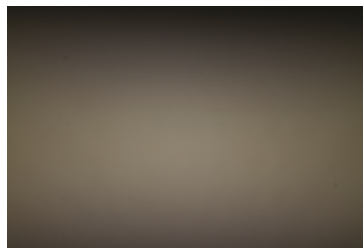
#### PHOTOMETRIC DATA (MEASURED):



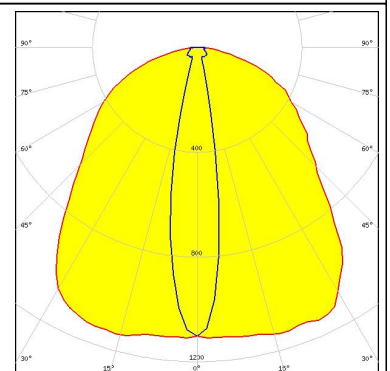
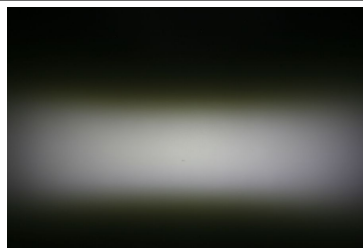
LED XP-L  
 FWHM 108.0 + 27.0°  
 Efficiency 92 %  
 Peak intensity 0.780 cd/lm  
 Required components:



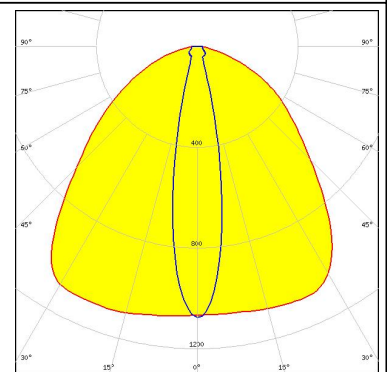
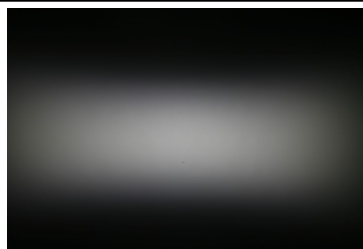
LED XP-L2  
 FWHM 102.0 + 29.0°  
 Efficiency 94 %  
 Peak intensity 0.770 cd/lm  
 Required components:



LED XT-E  
 FWHM 104.0 + 19.0°  
 Efficiency 94 %  
 Peak intensity 1.100 cd/lm  
 Required components:



LED H35C1 (LEMWA33)  
 FWHM 100.0 + 20.0°  
 Efficiency 93 %  
 Peak intensity 1.100 cd/lm  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

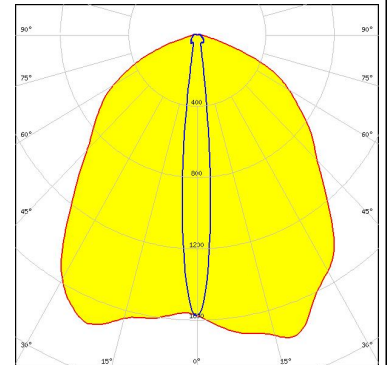
##### LUMILEDS

LED LUXEON A  
FWHM 92.0 + 20.0°  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
Required components:



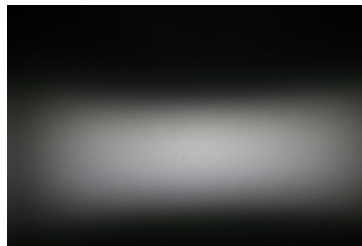
##### LUMILEDS

LED LUXEON CZ  
FWHM 102.0 + 12.0°  
Efficiency 94 %  
Peak intensity 1.800 cd/lm  
Required components:



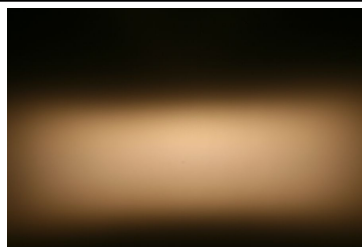
##### NICHIA

LED NVSxx19A  
FWHM 100.0 + 20.0°  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
Required components:



##### OSRAM Opto Semiconductors

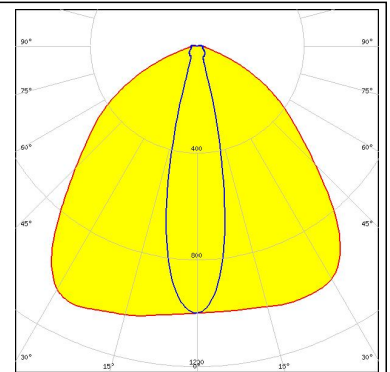
LED Oslon Square EC  
FWHM 92.0 + 21.0°  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

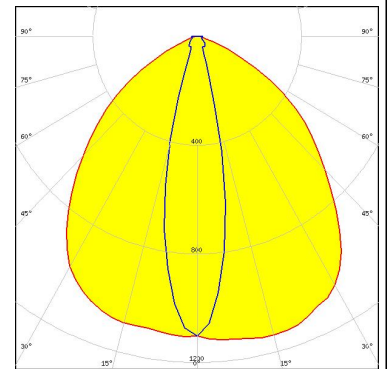
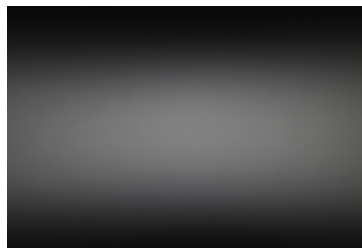
#### SAMSUNG

LED LH351B  
FWHM 101.0 + 24.0°  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
Required components:



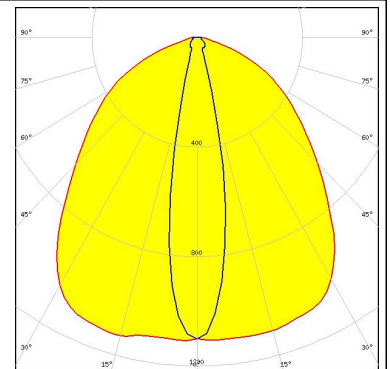
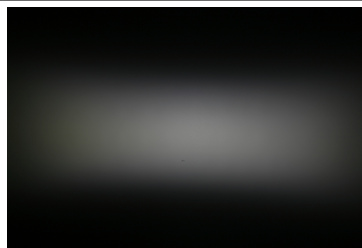
#### SAMSUNG

LED LH351Z  
FWHM 99.0 + 24.0°  
Efficiency 94 %  
Peak intensity 1.100 cd/lm  
Required components:



SEOUL SEMICONDUCTOR

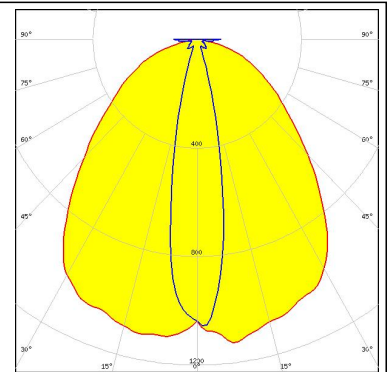
LED Z5M1/Z5M2  
FWHM 99.0 + 22.0°  
Efficiency 94 %  
Peak intensity cd/lm  
Required components:



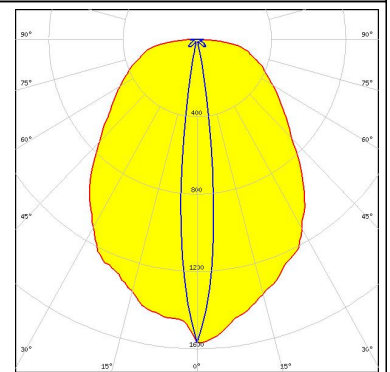
#### PHOTOMETRIC DATA (SIMULATED):



LED XP-G3  
FWHM 93.0 + 20.0°  
Efficiency 94 %  
Peak intensity 1.130 cd/lm  
Required components:



LED LUXEON C  
FWHM 13.0 + 86.0°  
Efficiency 93 %  
Peak intensity 1.570 cd/lm  
Required components:





#### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

#### MATERIALS:

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